

AMENDMENTS TO THE CLAIMS

Claim 1 (Currently amended): A surge protector comprising:

an insulating member having a conductive film divided by a discharge gap interposed therebetween;

a pair of main discharge electrode members containing Cr(chromium), and one or more of Fe(iron), Ni(nickel), Co(cobalt) and Cu(copper), opposite to each other contacting the conductive film;

an insulating tube fitted to the pair of main discharge electrode members opposite to each other to seal both the insulating member and a sealing gas inside thereof; and

oxide films having an average thickness in the range of 0.01 to 2.0 µm, with Cr(chromium) enriched on their surfaces, formed on main discharge surfaces of the pair of main discharge electrode members by performing an oxidation treatment.

Claim 2 (Currently amended): A surge protector comprising:

a column-shaped insulating member having a conductive film divided by a discharge gap interposed in an intermediate of a peripheral surface;

a pair of main discharge electrode members containing Cr(chromium), and one or more of Fe(iron), Ni(nickel), Co(cobalt) and Cu(copper), opposite to each other on both ends of the insulating member contacting the conductive film;

an insulating tube fitted to the pair of main discharge electrode members opposite to each other to seal both the insulating member and a sealing gas inside thereof,

wherein the main discharge electrode members comprise:

peripheral portions attached to end faces of the insulating tube by brazingblazing filler metal;

protrusive supporting portions protruding toward an inside and an axial direction of the insulating tube and supporting the insulating member in the radial inner surface thereof, and

oxide films having an average thickness in the range of 0.01 to 2.0 µm, with Cr(chromium) enriched on their surfaces, formed on main discharge surfaces of the protrusive

Application No. 10/565,422
Amendment dated July 18, 2008
Reply to Office Action of April 28, 2008

Docket No.: 20154/0203853-US0

supporting portions of the pair of main discharge electrode members opposite to each other, by performing an oxidation treatment.

Claims 3 - 11 (Cancelled)